



STATE OF WASHINGTON  
DEPARTMENT OF ECOLOGY

3601 W. Washington • Yakima, Washington 98903-1164 • (509) 575-2800

November 30, 1992

Garret Horsley  
dba Horsley Orchards  
240 Borquin Road  
Wapato WA 98951

Re: Ground Water Application No. G4-31355 - PRELIMINARY PERMIT

Ground Water Application No. G4-31355 was filed by Garret Horsley dba Horsley Orchards on July 24, 1992. An Emergency Drought Authorization was issued on July 28, 1992.

During the 1992 irrigation season, the demand for water well drillers was higher than the number capable of constructing large supplemental irrigation wells. Mr. Horsley was unable to construct an emergency irrigation well before the termination of the Drought Emergency Authorization issued for Ground Water Application No. G4-31355. Since the possibility exists that irrigation water shortages during the 1993 irrigation season and a similar demand for water well drillers may occur, Garret Horsley dba Horsley Orchards is, hereby, issued a PRELIMINARY PERMIT to construct a well capable of providing supplemental irrigation water but is not authorized the beneficial use of water from the well.

This PRELIMINARY PERMIT is issued with the following conditions and requirements:

1. The well is to be constructed within the NW $\frac{1}{4}$  of Section 5, T. 11 N., R. 20 E.W.M.
2. The well to be constructed is limited to a production capacity of 1900 gallons per minute, corresponding to the requested instantaneous capacity in Ground Water Application No. G4-31355.
3. The casing shall be set or placed (not driven) twenty (20) feet into the first solid, unfractured, nonporous, nonvesicular basalt flow occurring at or below 1100 feet, (corresponding to the top of the Priest Rapids Member), whichever is greater. The well annulus shall be pressure grouted utilizing cement grout as a sealing agent from the bottom of the casing to land surface and the annulus shall be at least four (4) inches greater in diameter than the permanent casing. The well shall be sealed utilizing cement grout as a sealing agent from the bottom of the casing to land surface.

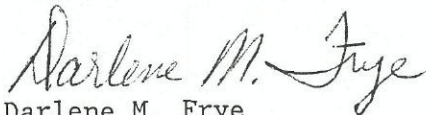
All other requirements specified by WAC 173-160 shall apply to this well.

After completion of construction, the well shall be video scanned (providing a visually clear and recognizable picture that is continuous from land surface to the terminus of the well) and the video tape reviewed by the Central Regional Office of the Washington State Department of Ecology prior to the installation of the production pump.

4. Installation and maintenance of an access port as described in Ground Water Bulletin No. 1 is required. An air line and gage may be installed in addition to the access port.
5. All water wells constructed within the state shall meet the minimum standards for construction and maintenance as provided under RCW 18.104 (Washington Water Well Construction Act of 1971) and Chapter 173-160 WAC (Minimum Standards for Construction and Maintenance of Water Wells).
6. No beneficial use of water is authorized until a regular permit or Drought Emergency Authorization is issued pursuant to Ground Water Application No. G4-31355.
7. This PRELIMINARY PERMIT shall remain in effect until October 31, 1993, unless revoked sooner for cause.

You have the right to obtain review of this order. Request for review must be made, within thirty (30) days of receipt of this order, to the Washington Pollution Control Hearings Board, PO Box 40903, Olympia, Washington 98504-0903. Concurrently, a copy of the request must be sent to the Department of Ecology, PO Box 47600, Olympia, Washington 98504-7600. These procedures are consistent with the provisions of Chapter 43.21B RCW and the rules and regulations adopted thereunder.

Sincerely,



Darlene M. Frye  
Technical Unit Supervisor  
Water Resources Program

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Enclosure: Ground Water Bulletin No. 1